

FIG. 1

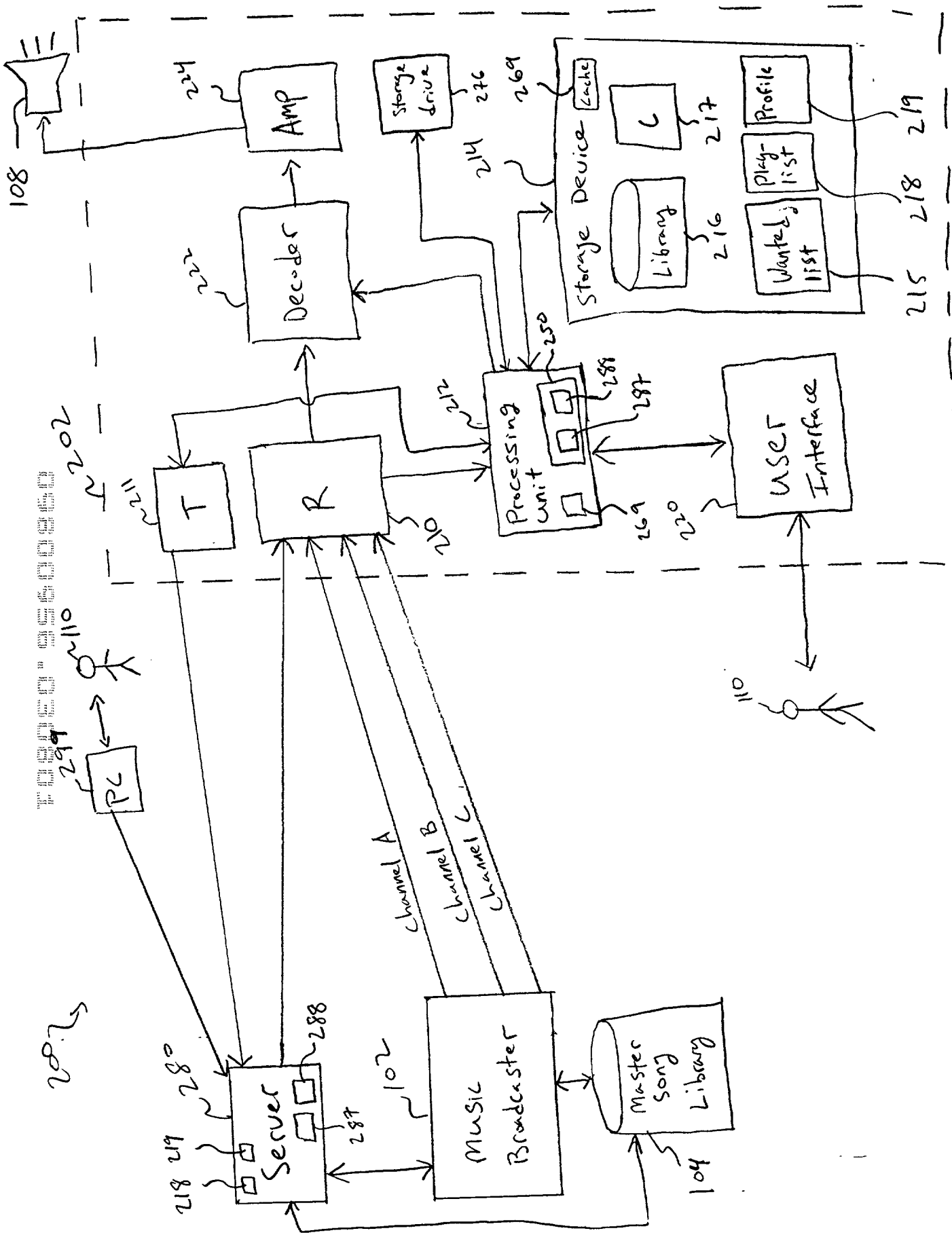


FIG. 2

Profile for Audio channel : Jazz/Blues

~219

Genres	Percentage
Jazz	70%
Blues	30%

~301

Jazz styles	Percentage
style1	35%
style3	60%
style9	5%

302

Blues styles	Percentage
style1	80%
style2	20%

302

Artist	Rating
Name1	3
Name2	2
Name3	2

~303

Song	Rating
Song-title1	3
Song-title2	1

~304

Least favorite artists

Name4, Name5, Name6...

305

Least favorite songs

Song1, Song2, Song3...

306

News categories:

Sports, weather, traffic...

310

News keywords:

"Bill Clinton", keyword2, ...

FIG. 3

8/22

Play-list for audio channel: <u>Jazz/Blues</u>				
Sound Recording ID	Genre(s)	Style(s)	Owned by user?	Meta-data
song-title 1	Jazz	style 2 style 5 style 8	No	artist name, Album, date ...
song-title 2	Blues Rock	style 1 style 2	Yes	
...				
song-title N	Jazz	style 1	No	

FIG. 4

2/15

Wanted		list for audio channel:			<u>Jazz/Blues</u>	
Sound Recording ID	Genre(s)	Style(s)	owned by user?	In Library?	meta-data	
song-title 1	Jazz	style 2 style 5 style 8	No	Yes	artist name, Album	
song-title 2	Blues Rock	style 1 style 2	Yes	Yes		
⋮						
song-title N	Jazz	style 1	No	No		

FIG. 5

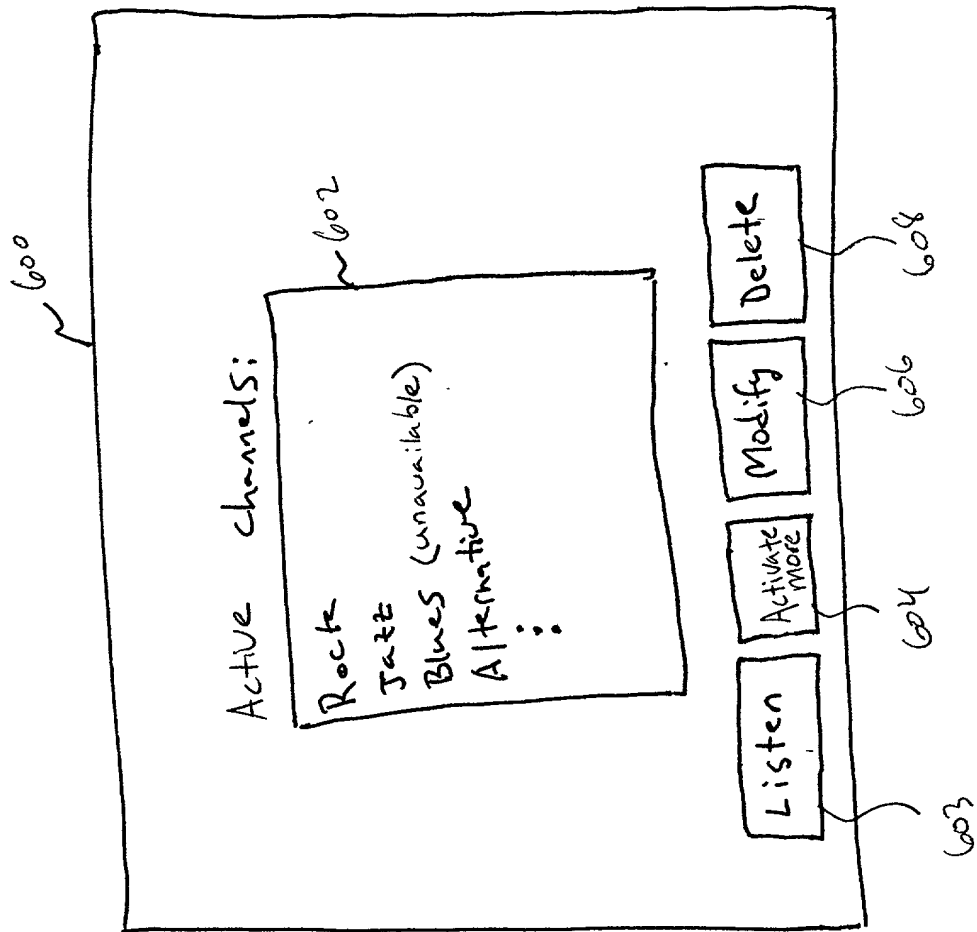


FIG. 6

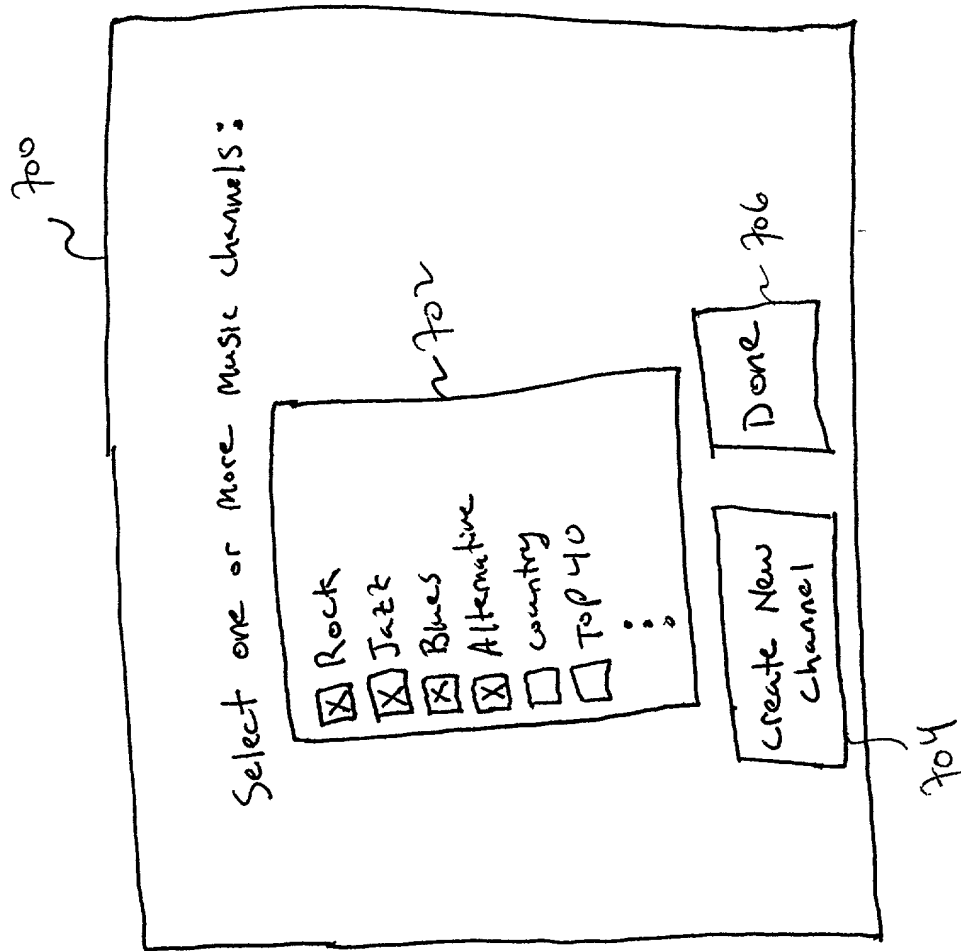


FIG. 7

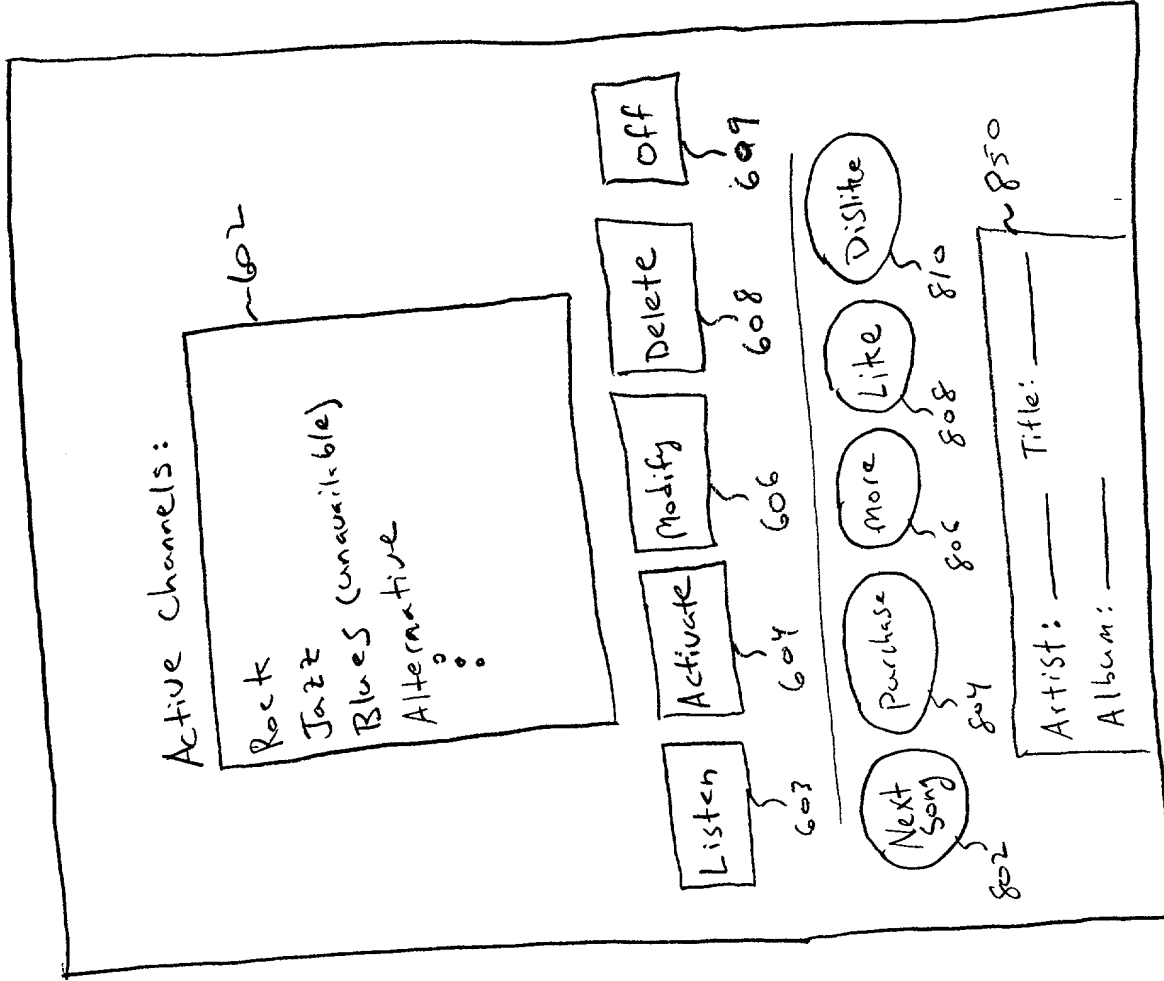


FIG. 8



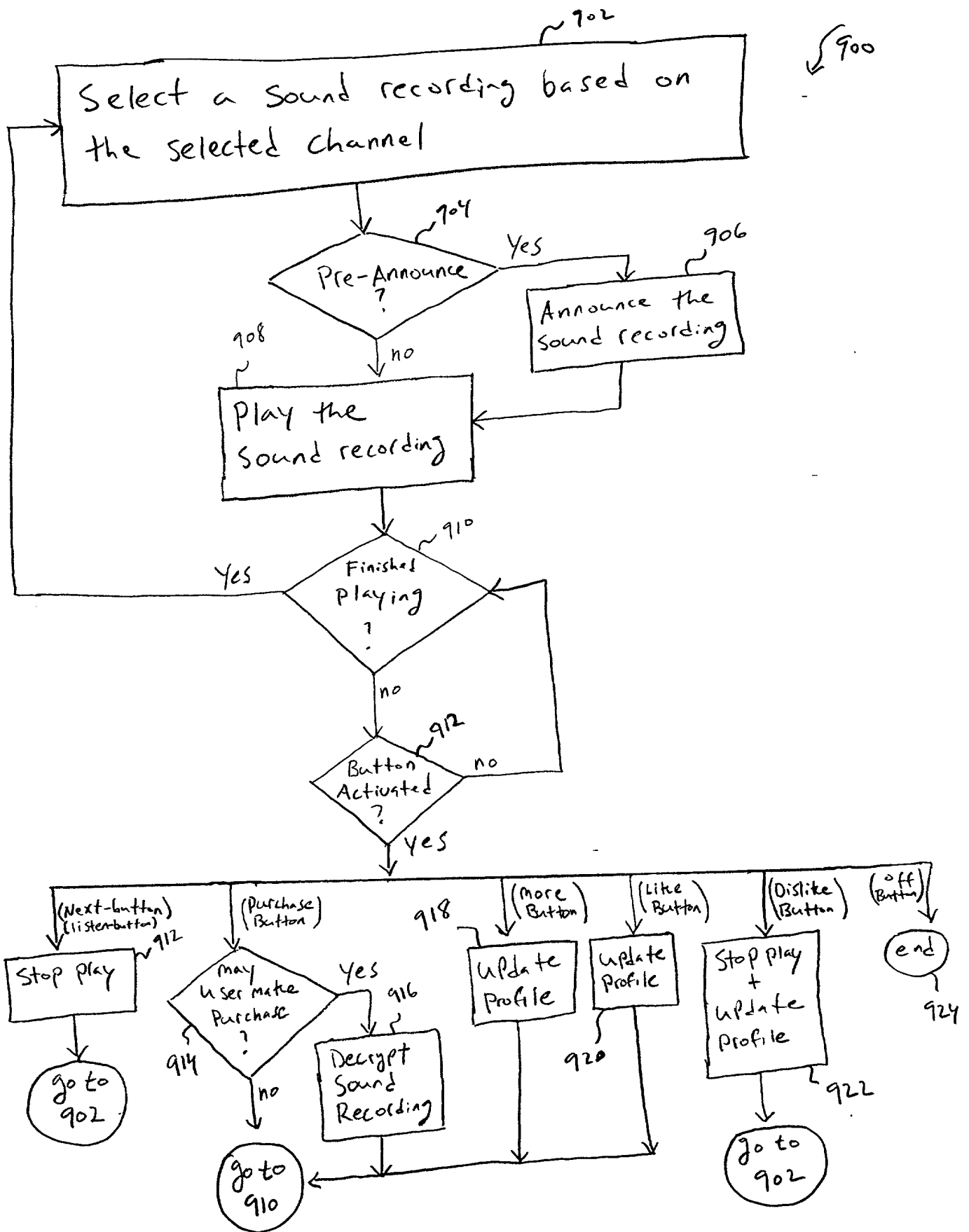


FIG. 9

FIG. 10

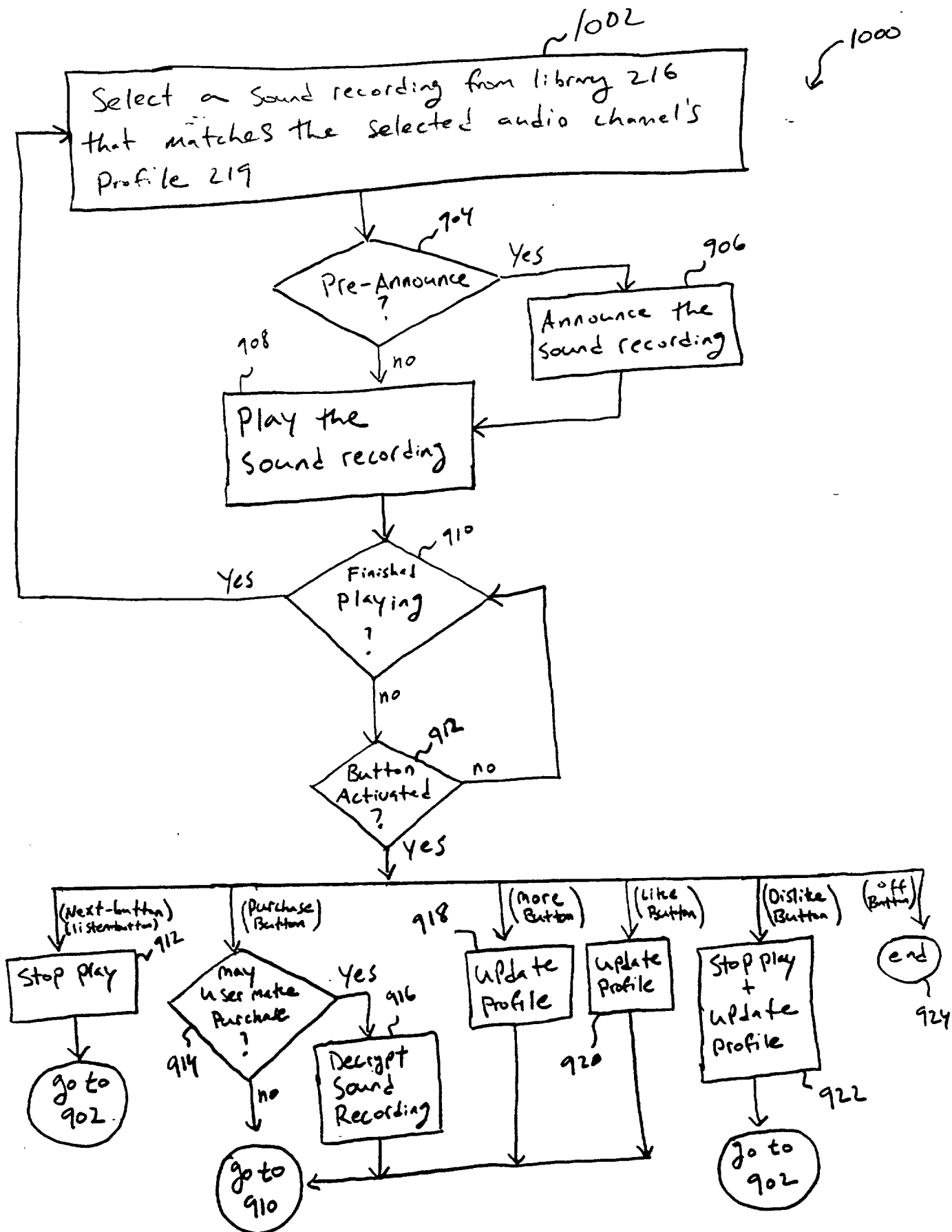
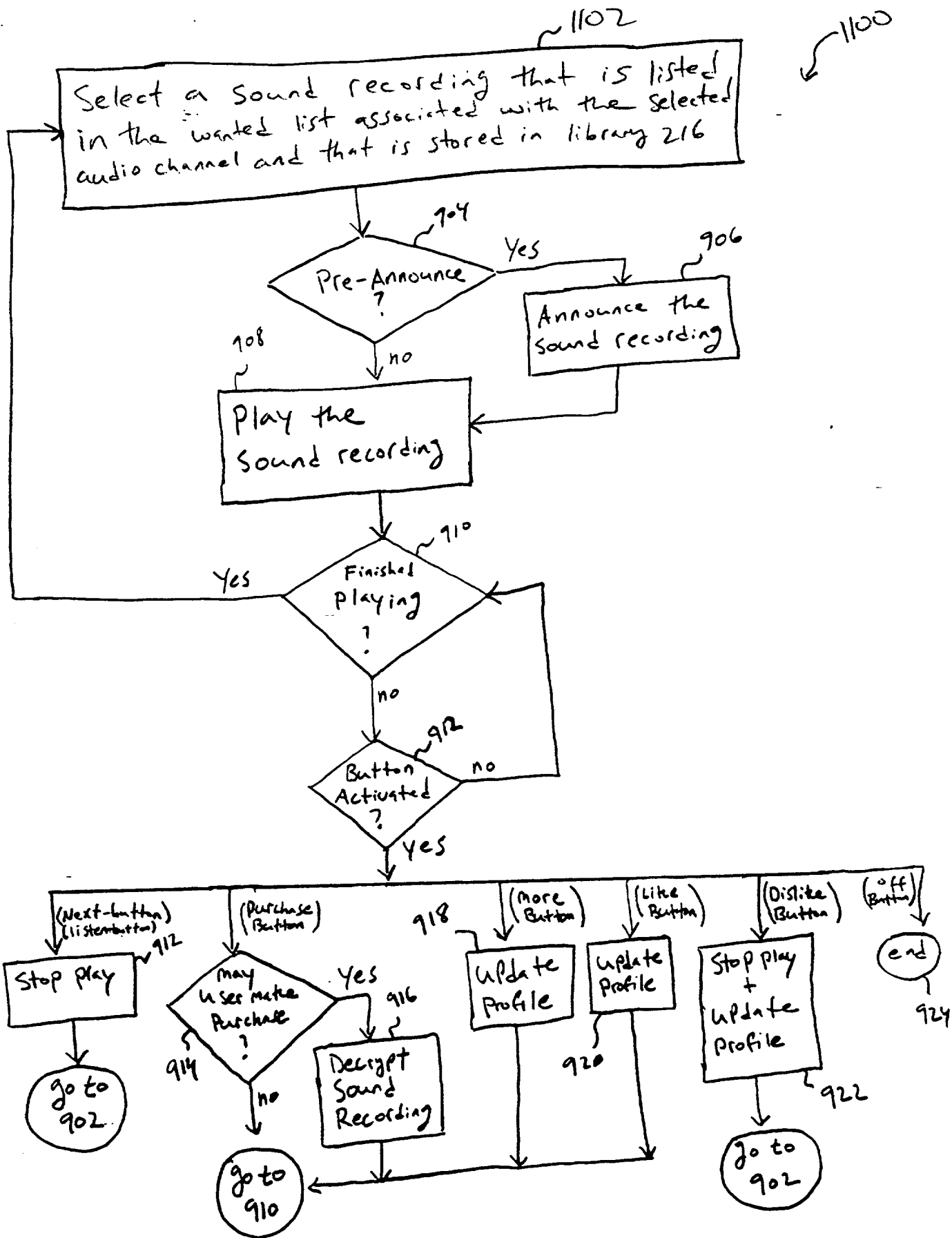


FIG. 10



1202  
Select a sound recording from library 216 that matches the selected audio channel's profile

1204  
Pre-Announce ?

1205  
Announce the sound recording

1206  
Play the selected sound recording

1208  
Select a sound recording that matches the selected audio channel's profile

1210  
Is the sound recording in the library ?

1212  
Select a sound recording from library 216 that matches the selected audio channel's profile

1214  
Download sound recording from server

1226  
Sound Recording Finished Playing ?

1228  
Next or dislike button pressed ?

1216  
Sound Recording Finished Playing ?

1218  
Next or dislike button pressed ?

1220  
Downloaded ?

1222  
Pre-Announce ?

1230  
Pre-Announce ?

1231  
Announce sound recording

1223  
Announce sound recording

1224  
Play sound recording selected in step 1212

1232  
Play sound recording selected in step 1208

FIG 12

FIG 12

1200

1302  
Select a sound recording that is listed in  
sound recording list 215 and that is stored  
in Library 216

1204  
Pre-Announce ?

1205  
Announce the  
sound recording

1206  
Play the selected sound recording

1308  
Select a sound recording from sound  
recording list 215

1210  
Is the  
sound recording  
in the library ?

1226  
Sound  
Recording  
Finished  
Playing ?

1228  
Next  
or dislike  
button Pressed ?

1312  
Select a sound recording  
that is listed in list 215  
and that is stored  
in Library 216

1214  
Download  
sound recording  
from server

1216  
Sound  
Recording  
Finished  
Playing ?

1220  
Downloaded ?

1222  
Pre-Announce ?

1230  
Pre-Announce ?

1231  
Announce  
Sound  
recording

1232  
Play sound recording  
selected in step  
1308

1223  
Announce  
Sound  
Recording

1224  
Play sound  
Recording  
Selected in  
step 1312

FIG. 13

1300

FIG. 13

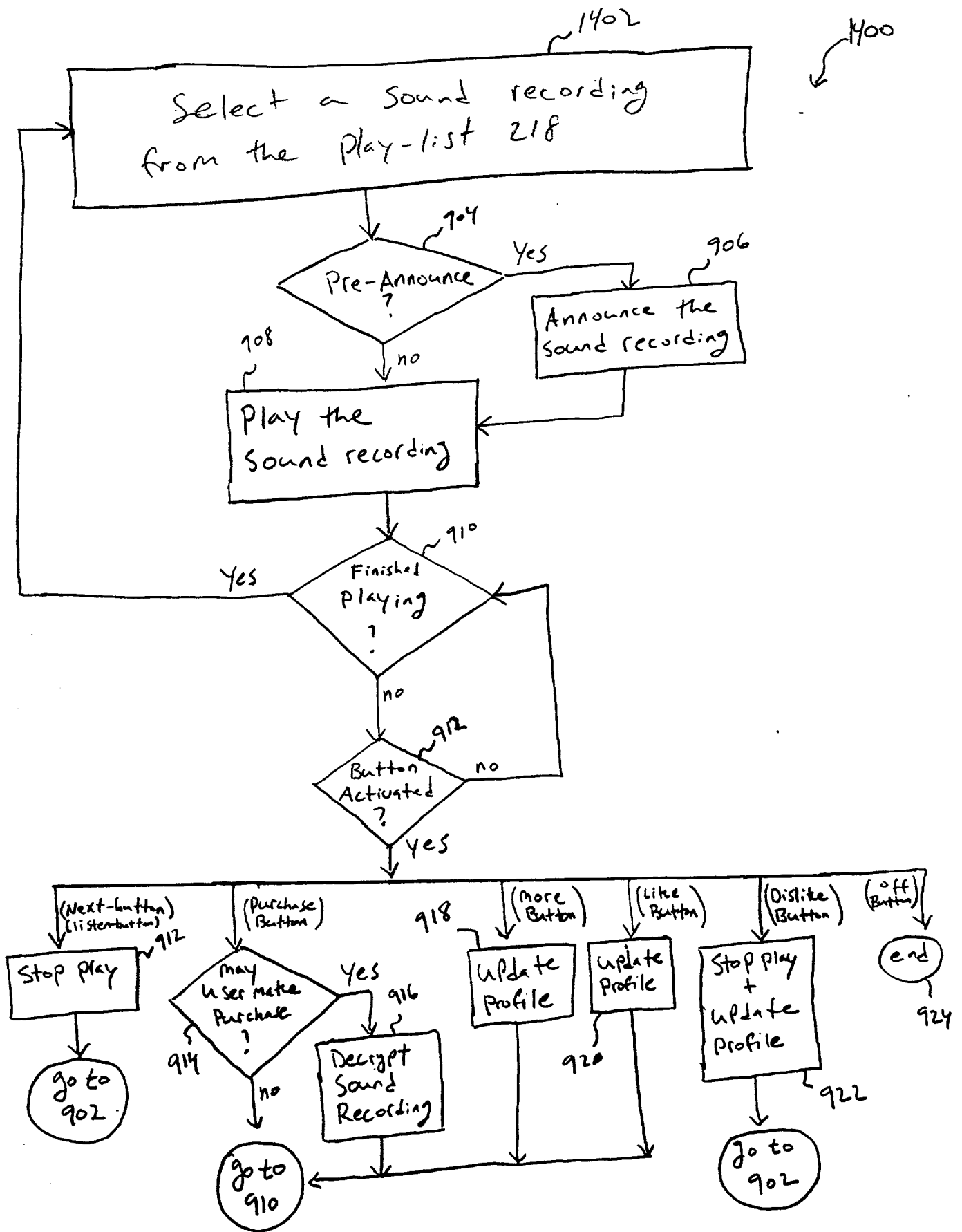


FIG. 14

1500

Create/Modify a Profile

Channel Name:  1502

Genres: (select one or more genres)

☐ Rock ☐ Alternative ☐ Country

☒ Blues ☒ Jazz ☐ Top 40

☐ Easy listening ☐ 80's music

Genre  1505

Favorite Artists:  1506

Least Favorite Artists:  1507

Favorite Songs:  1508

Least favorite Songs:  1509

News Categories:  1510

New keywords:  1511

1590

FIG. 15

1600

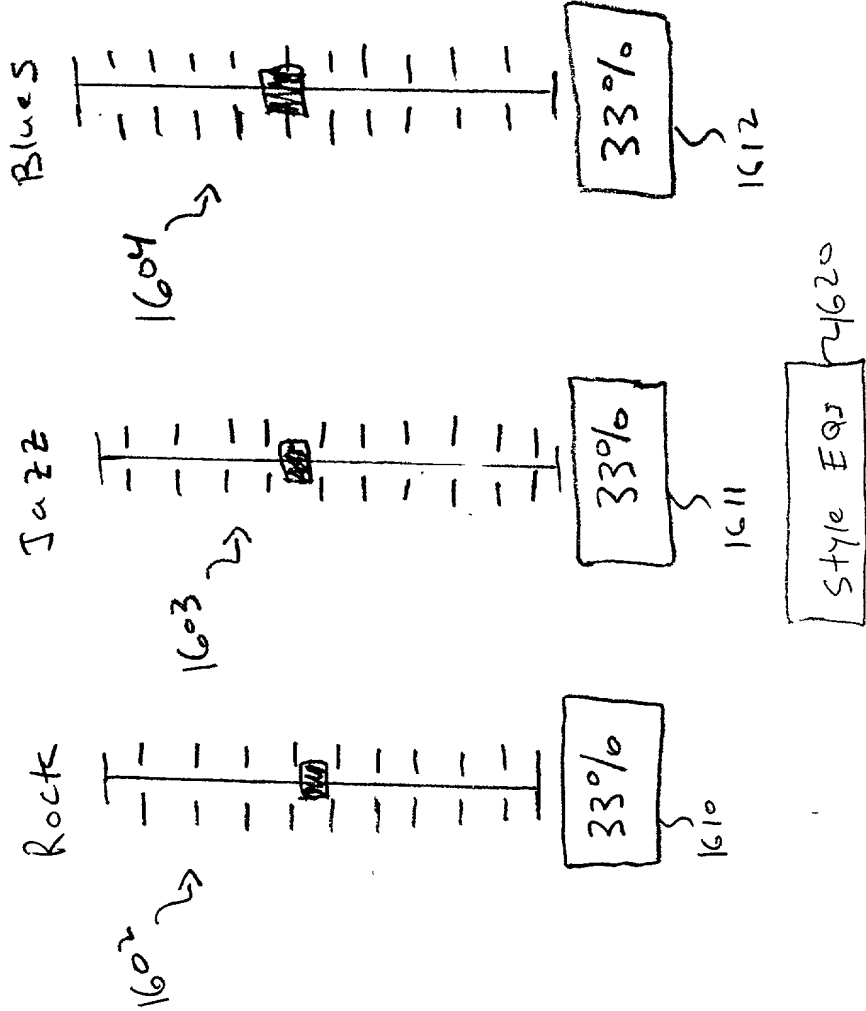


FIG. 16



1700

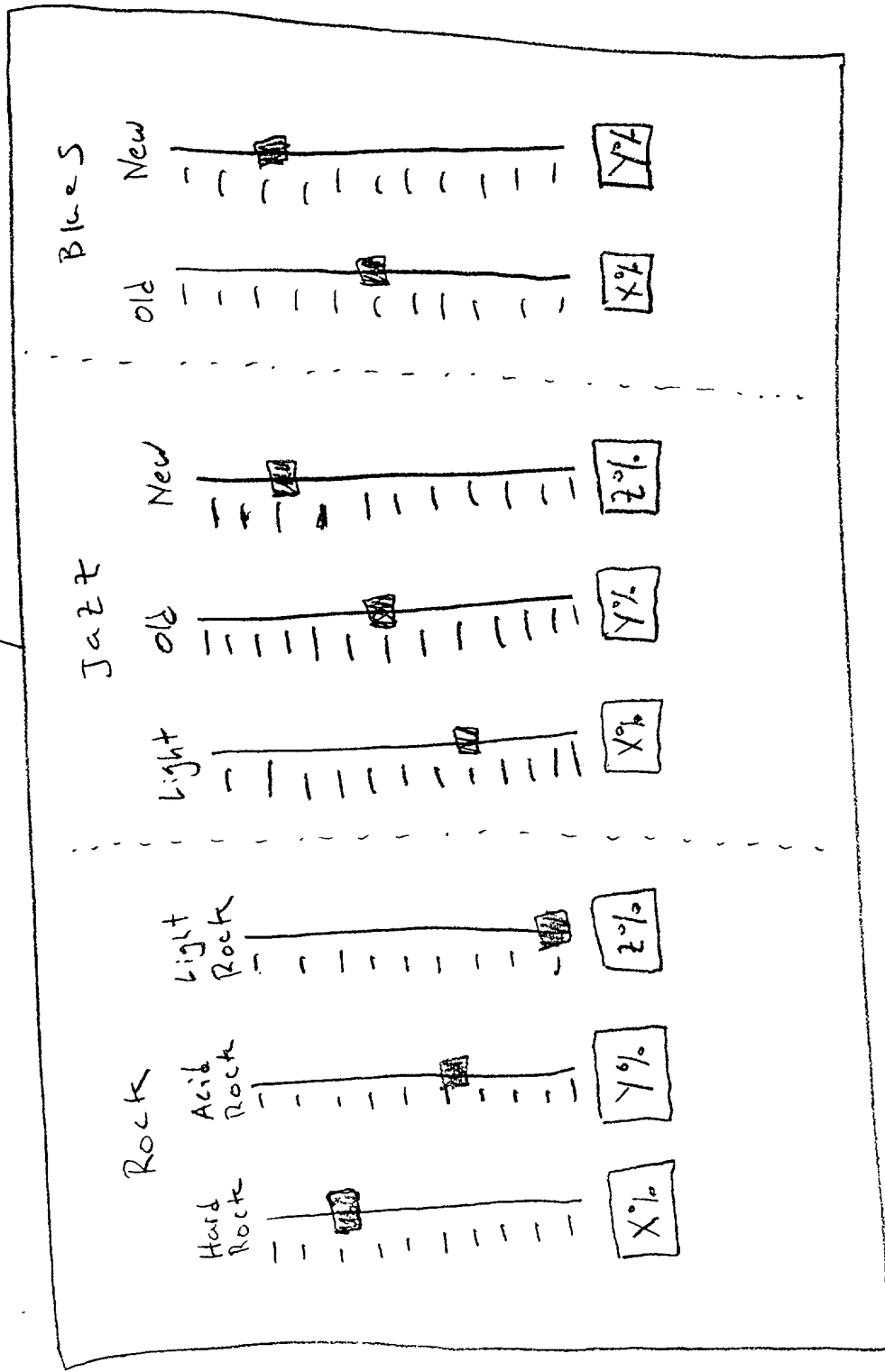


FIG. 17

FIG. 18

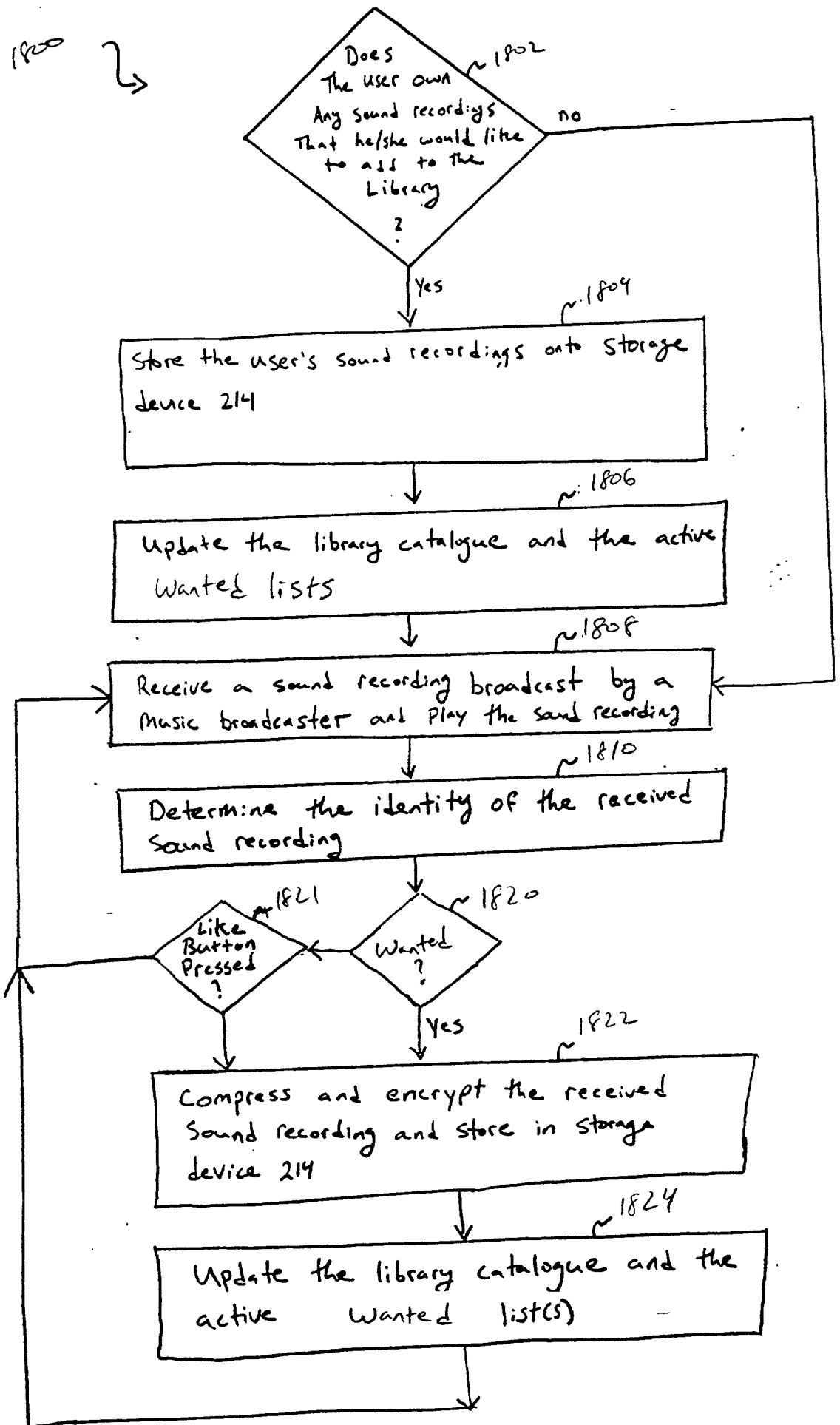


FIG. 17

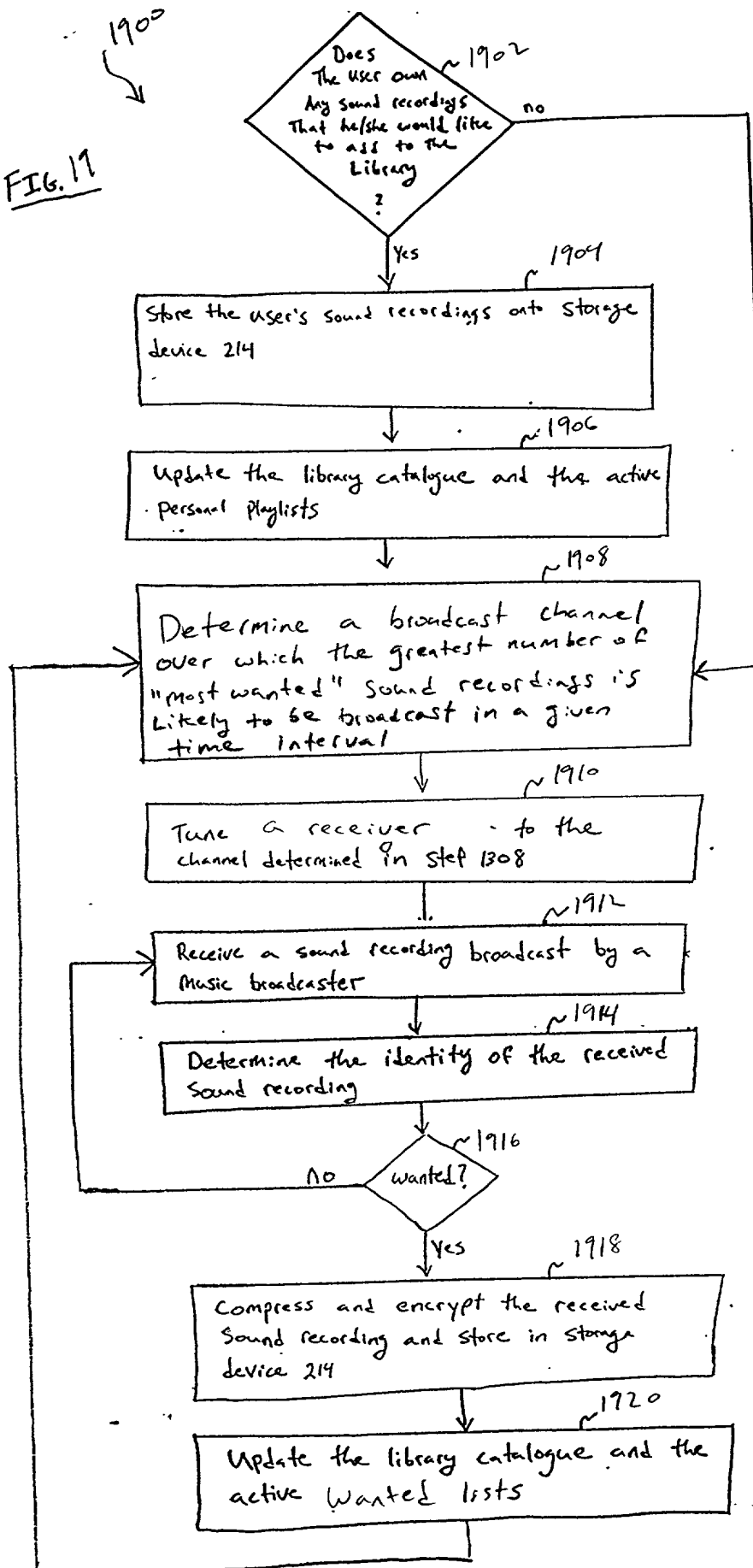


FIG. 20

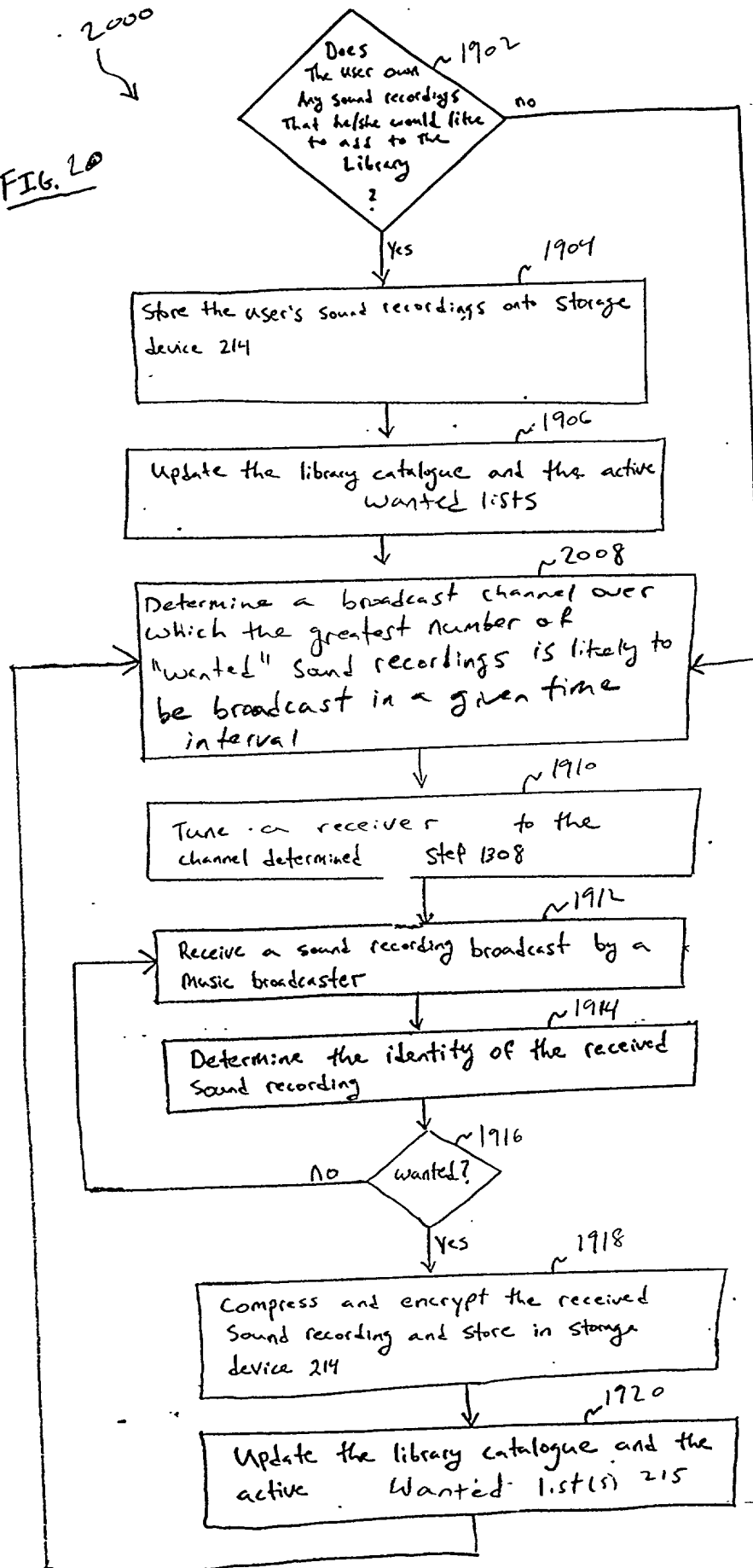
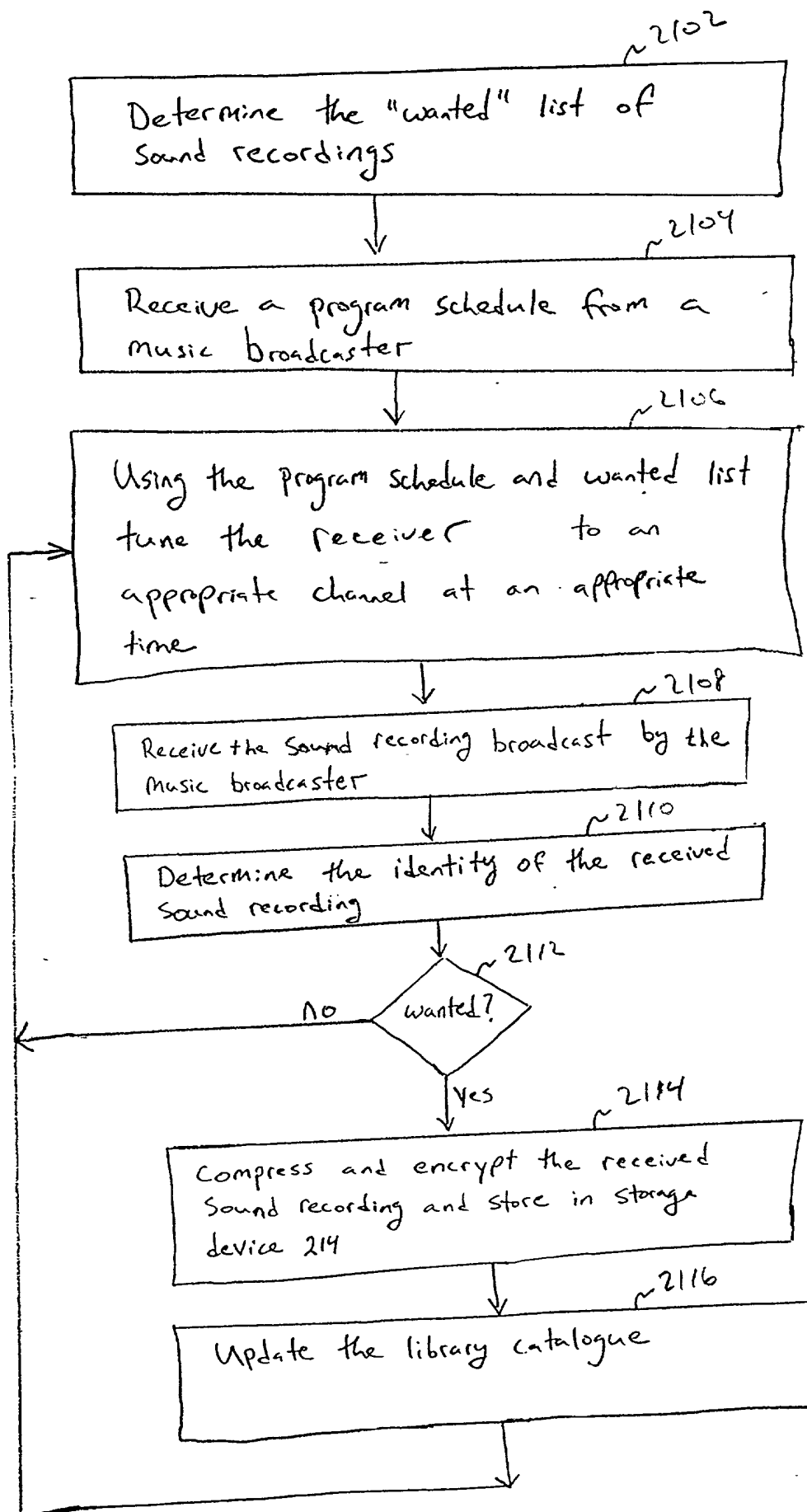


FIG. 21



2200

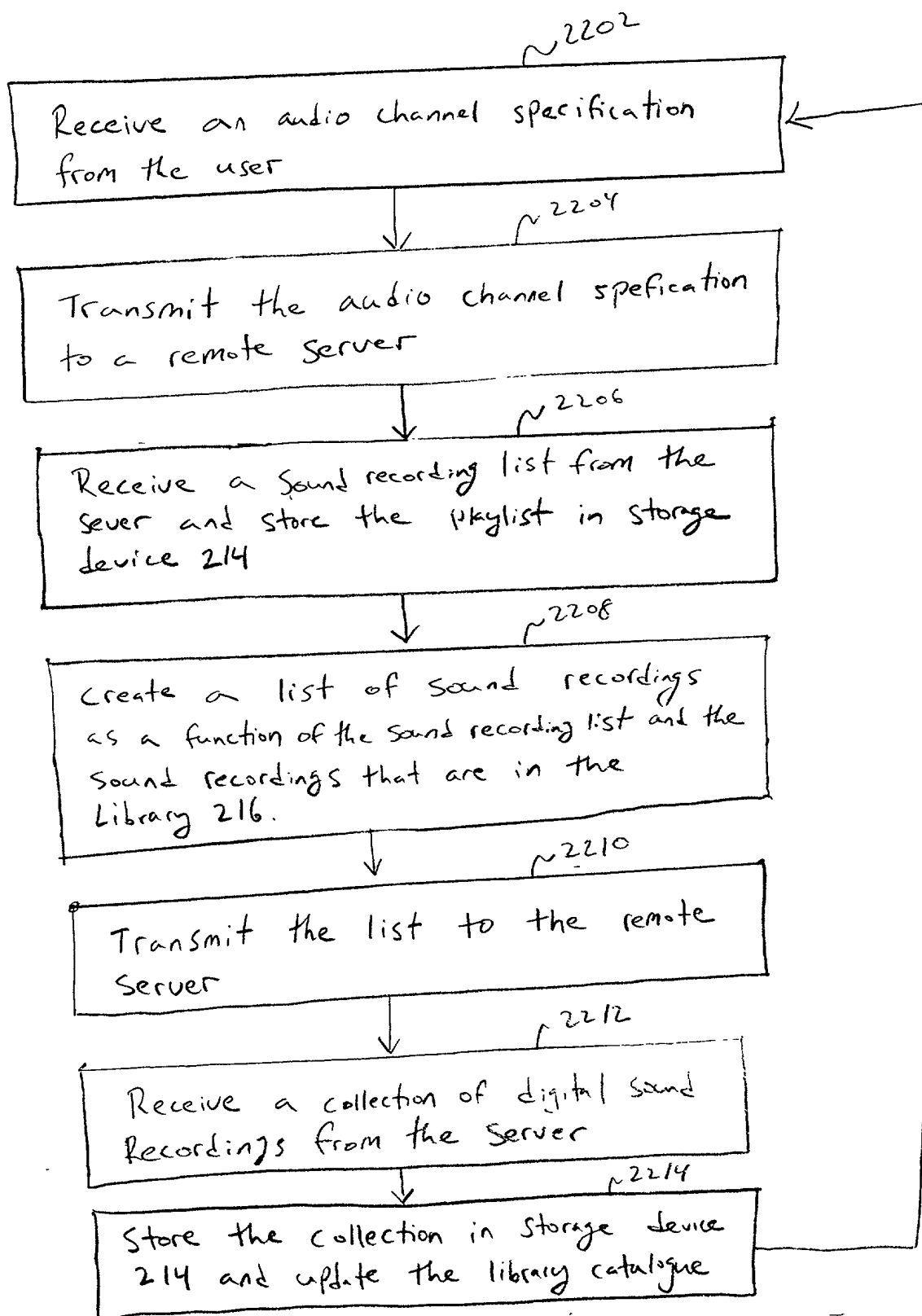


FIG. 22

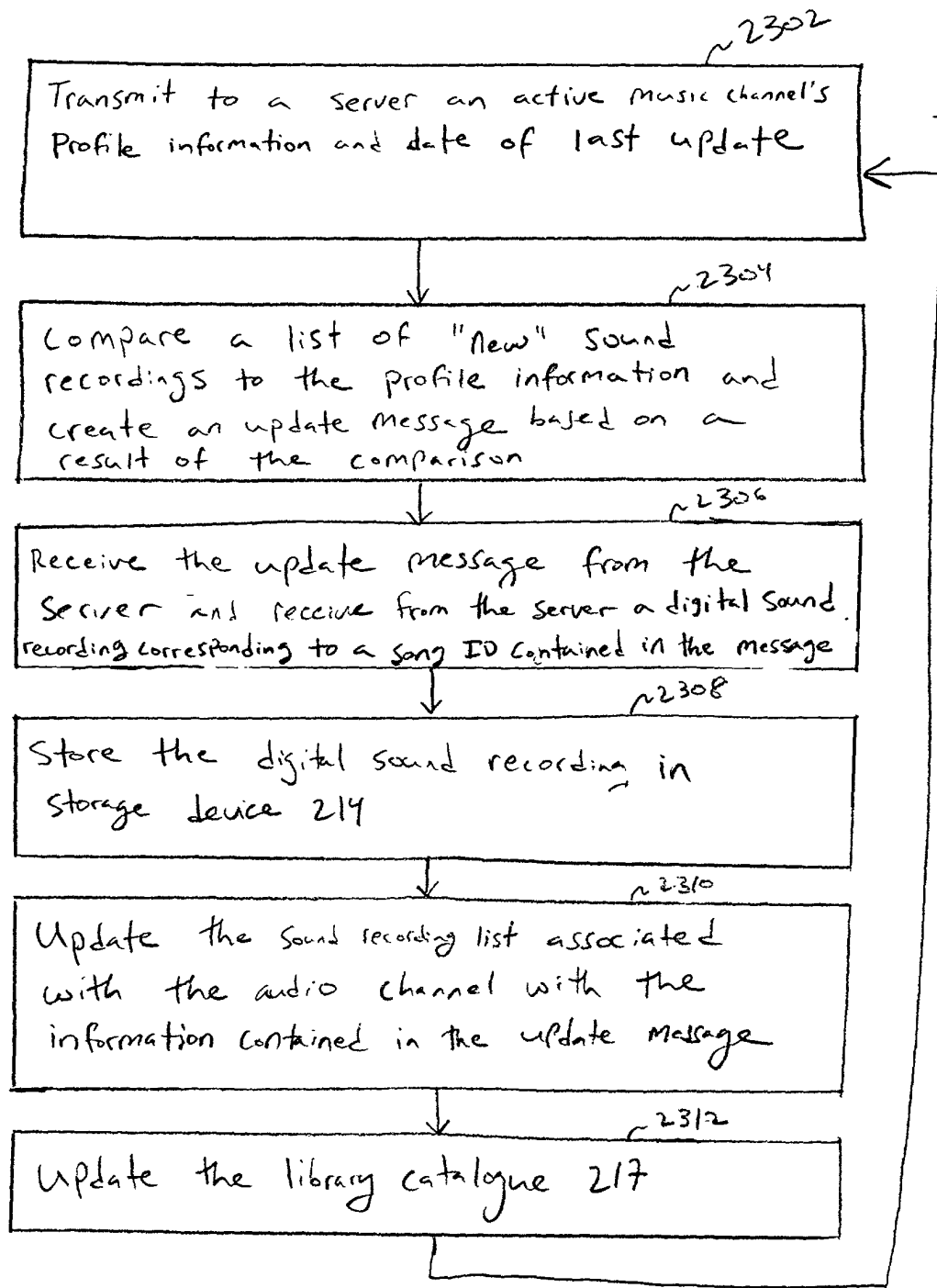


FIG. 23

2400

Music Channel	Master playlist	State
Rock	Rock-Playlist	Active
Jazz	Jazz-Playlist	Active
...	...	...

2402(1) 5

2404(2) 5

FIG. 24

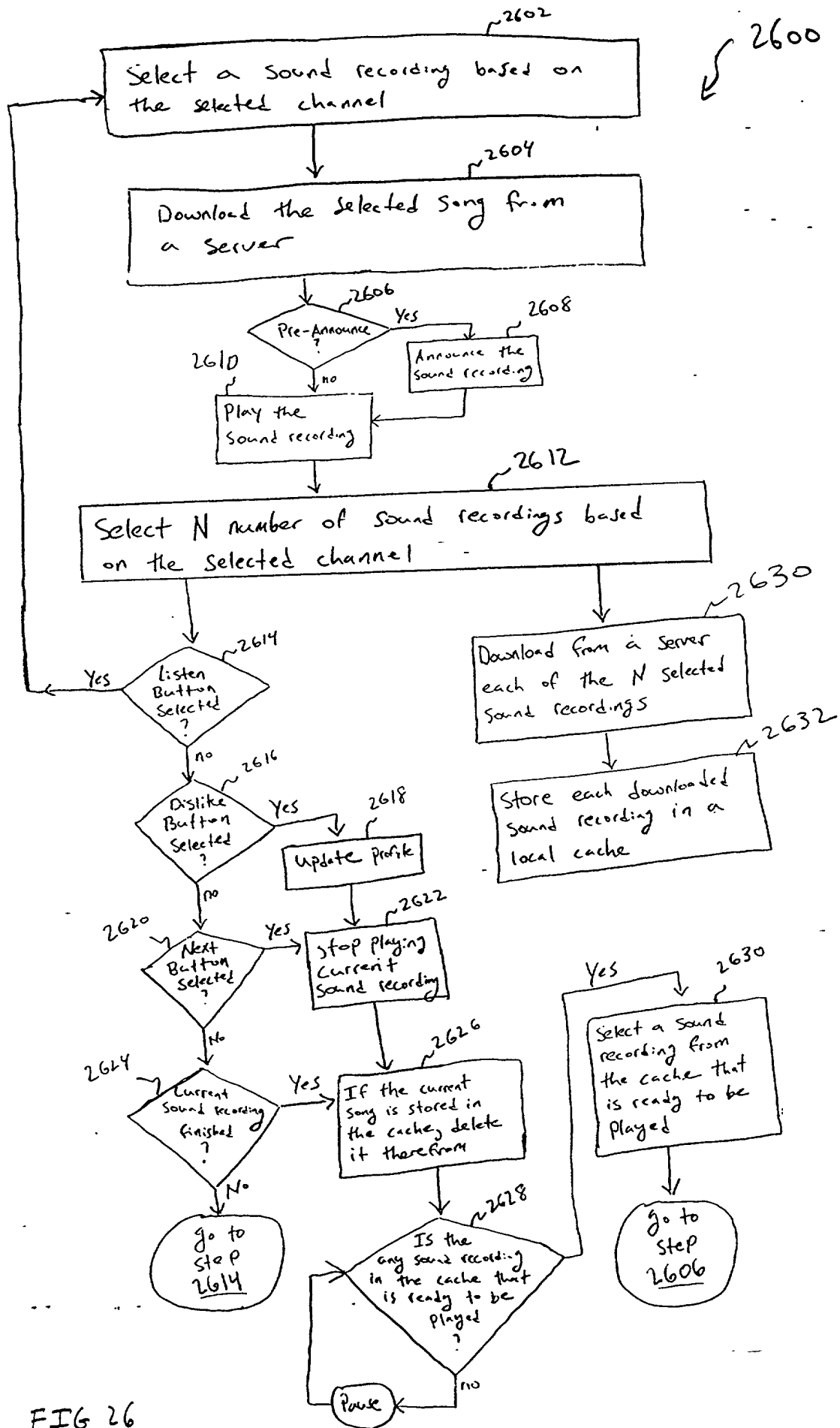


217

# Library catalogue

Sound Recording ID	Location	Owned by User	Genre(s)	Style(s)
Song-title 1	c:/Library	Yes	Genre(1) Genre(2)	style1 style2 style3
Song-title 2	c:/Library	No	Genre(5)	style4
:	:	:		
:	:	:		

FIG. 25



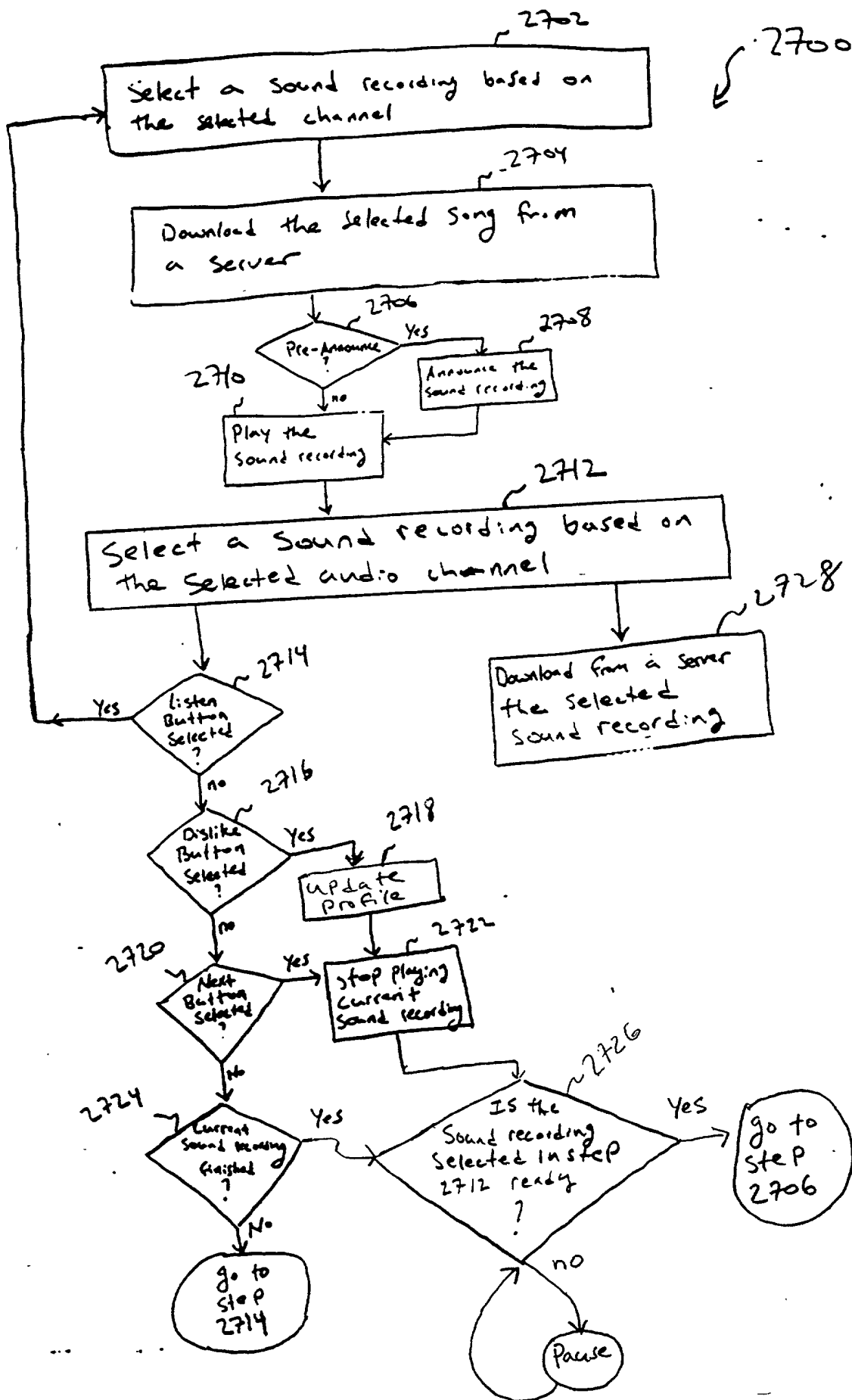


FIG 27

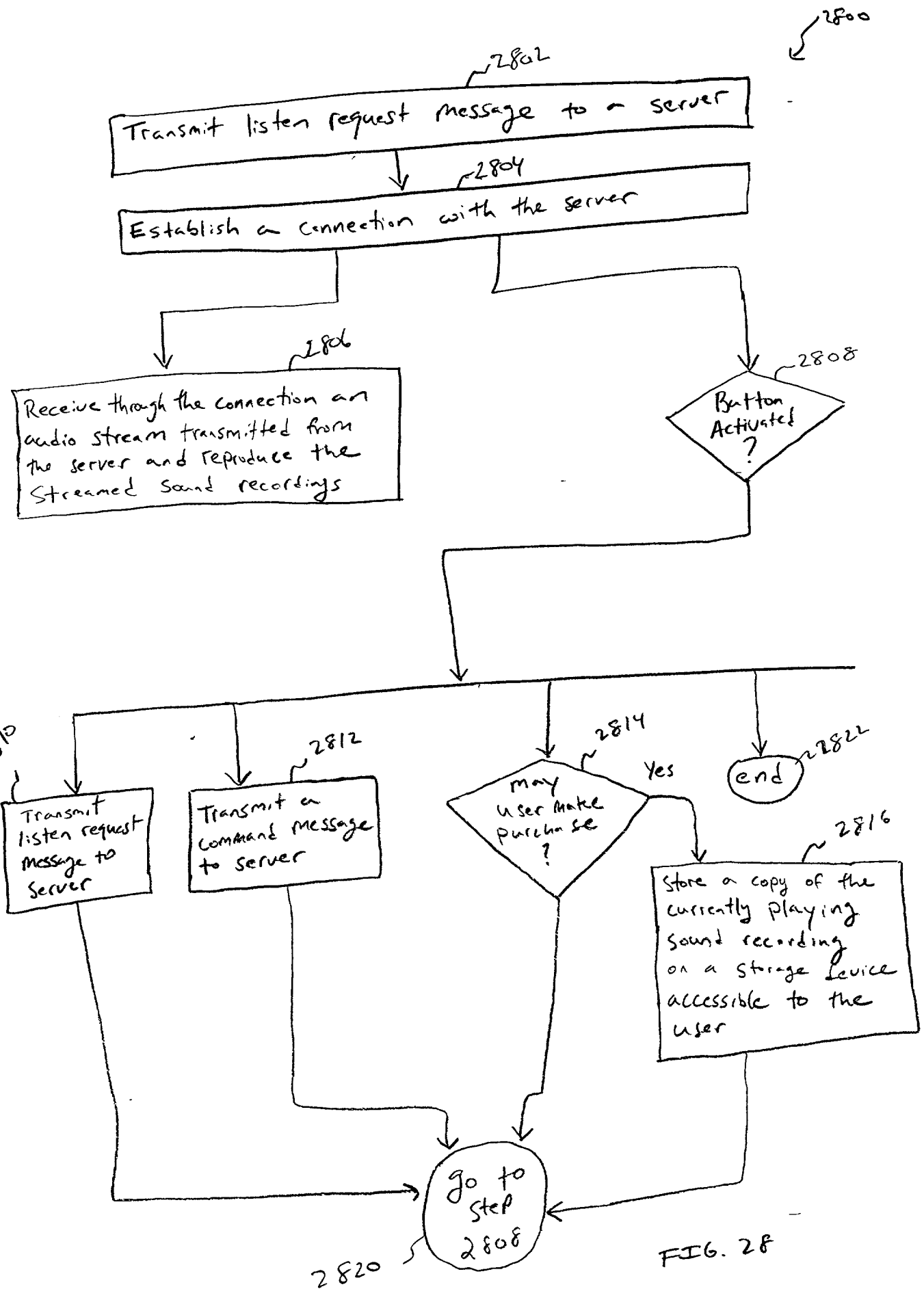


FIG. 28